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our 1966 graduates
10 years later
college of engineering
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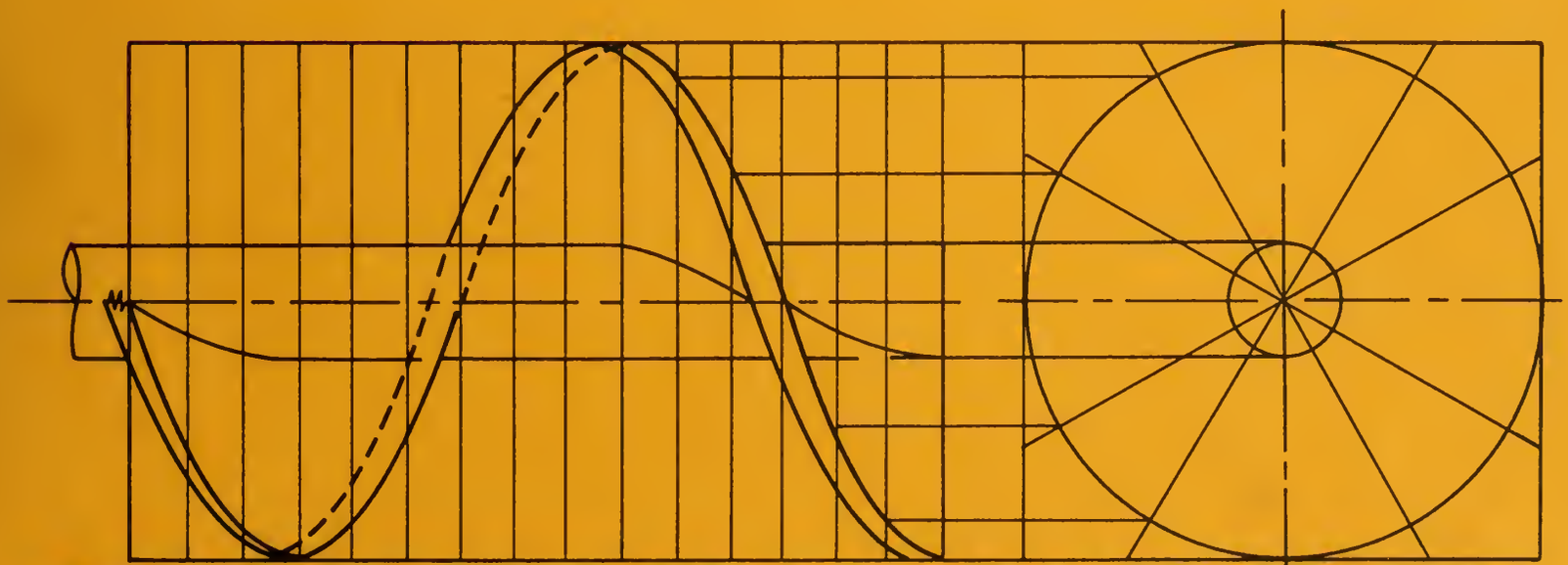
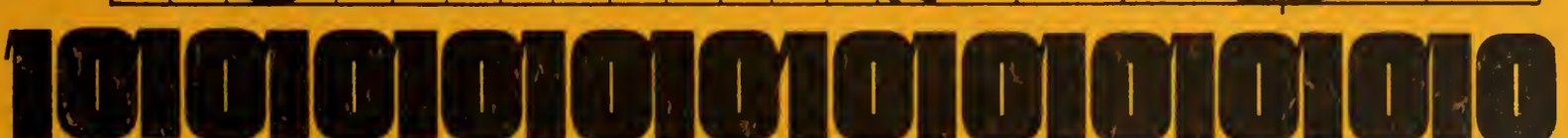




University of Illinois at Urbana-Champaign

College of Engineering
ENGINEERING PLACEMENT OFFICE
109 Engineering Hall
Urbana, Illinois 61801
(217) 333-1960

December 15, 1976

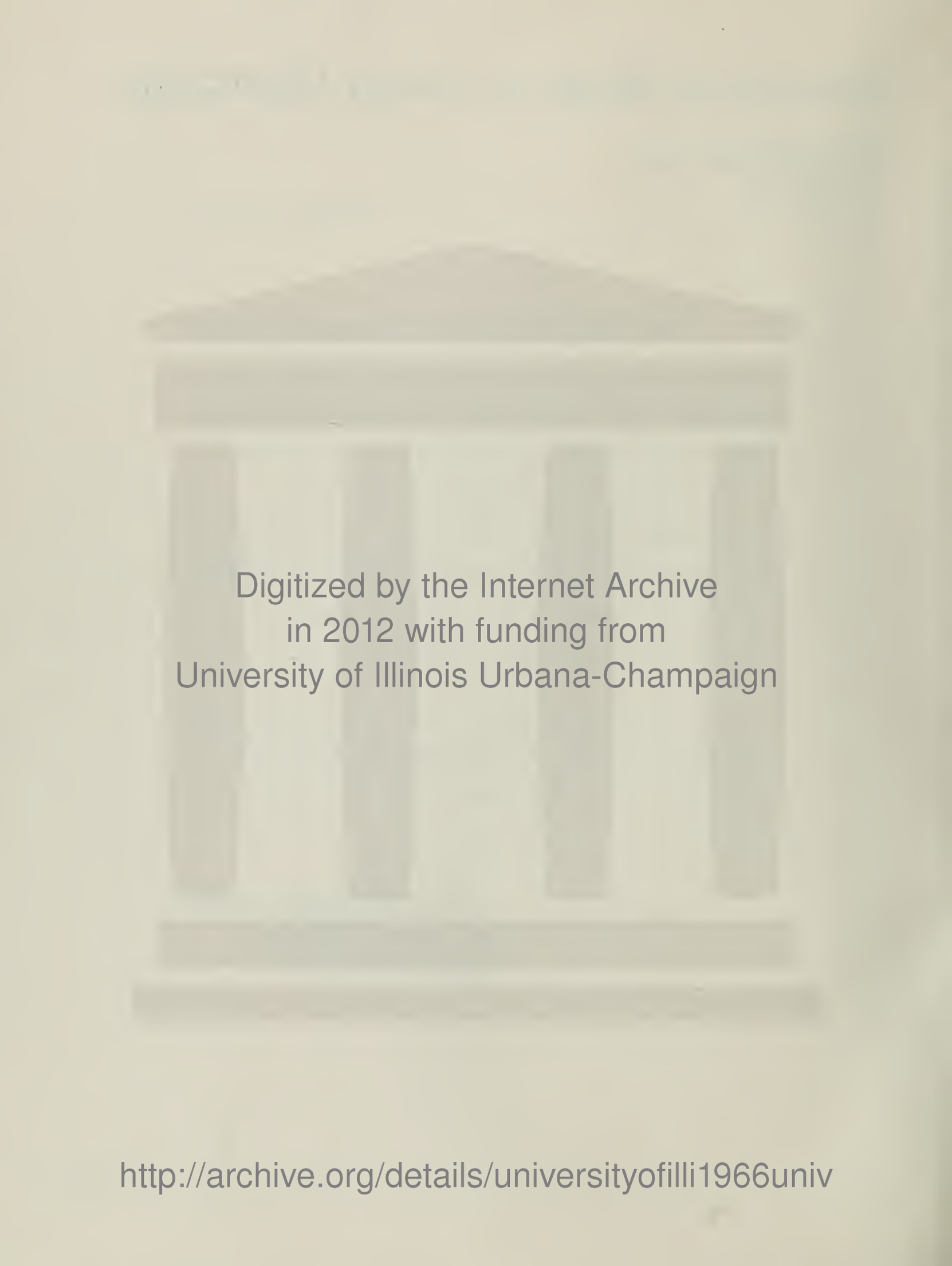
Once again the College of Engineering is pleased to report on the status of our graduates ten years after graduation. The following tables, listings, and questions report on the progress, accomplishments, and thinking of our 1966 graduates after having pursued their post-baccalaureate careers for several years. We have found these annual surveys to be immensely valuable to us and we hope that our graduates and our friends in business, industry, and government find them equally valuable, also.

We are always anxious to hear from the people who have used our surveys. Any comments or suggestions for improvement that you might have would be most welcome.

Very truly yours,

D R Opperman

D. R. Opperman, Director
Engineering Placement and
Cooperative Education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TEN-YEAR SALARY PROGRESS OF ENGINEERING GRADUATES WHO RECEIVED A B.S. DEGREE

	Number of Grads	Number Quest. Returned	Military Service	Graduate School	Number Unemployed	Number Misc.	Number Employed	Average Monthly Salary	High Monthly Salary	Low Monthly Salary	Average Starting Salary	Percent of Increase
All Engineers	691	338	9	2	0	6	321	$1970	$5000	$ 500	$ 679	190.13%
Aero. E.	56	25	3	1	0	0	21	$1778	$3100	$ 771	$ 700	154.00%
Ag. E.	19	13	0	0	0	0	13	$2244	$5000	$1265	$ 643	248.99%
Ceram. E.	14	6	0	0	0	0	6	$1983	$2700	$1375	$ 637	211.30%
Civil E.	101	51	2	1	0	0	48	$2069	$5000	$ 500	$ 674	206.97%
Elec. E.	243	104	2	0	0	3	99	$1911	$3500	$1000	$ 686	178.57%
E. Mech.	13	5	0	0	0	1	4	$1721	$2190	$1000	$ 0	0.00%
E. Phys.	24	13	1	0	0	0	12	$1842	$4000	$1008	$ 700	163.14%
Gen. E.	37	19	0	0	0	0	19	$2126	$3000	$1500	$ 671	216.84%
Ind. E.	29	14	0	0	0	1	13	$1872	$2756	$1284	$ 675	177.33%
Mech. E.	135	76	1	0	0	1	74	$1973	$3750	$ 846	$ 674	192.73%
Met. E.	19	12	0	0	0	0	12	$2145	$5000	$ 975	$ 665	222.56%

SALARY COMPARISON FIGURES OF THOSE WHO HAVE COMPLETED AN ADVANCED DEGREE AND THOSE WHO HAVE NOT

	Total Employed	No Advanced Degree	M.S. in Original Field	M.S. in Other Tech Field	M.S. in Non-Tech Field	PH.D. in Original Field	PH.D. in Other Tech Field	PH.D. in Non-Tech Field	M.B.A.	Law Degree	Other
All Engineers	321	149	73	16	2	22	6	0	44	6	3
	$1970	$1928	$1989	$1791	$1796	$1918	$2037	$ 0	$2176	$2281	$1291
Aero. E.	21	10	4	2	0	2	1	0	2	0	0
	$1778	$1734	$1522	$1756	$ 0	$2091	$2123	$ 0	$2043	$ 0	$ 0
Ag. E.	13	6	6	0	0	1	0	0	0	0	0
	$2244	$1980	$2618	$ 0	$ 0	$1583	$ 0	$ 0	$ 0	$ 0	$ 0
Ceram. E.	6	2	1	1	0	1	0	0	1	0	0
	$1983	$1556	$1500	$2240	$ 0	$2700	$ 0	$ 0	$2350	$ 0	$ 0
Civil E.	48	22	15	2	0	3	1	0	5	0	0
	$2069	$2125	$1973	$1000	$ 0	$2103	$2065	$ 0	$2524	$ 0	$ 0
Elec. E.	99	44	24	2	0	5	3	0	18	2	1
	$1911	$1807	$1985	$1538	$ 0	$2040	$1845	$ 0	$2082	$2196	$1408
E. Mech.	4	0	1	0	0	3	0	0	0	0	0
	$1721	$ 0	$2097	$ 0	$ 0	$1596	$ 0	$ 0	$ 0	$ 0	$ 0
E. Phys.	12	2	3	2	0	2	1	0	2	0	0
	$1842	$2875	$1436	$1468	$ 0	$1250	$2500	$ 0	$2057	$ 0	$ 0
Gen. E.	19	6	0	2	0	0	0	0	7	4	0
	$2126	$1853	$ 0	$2125	$ 0	$ 0	$ 0	$ 0	$2246	$2324	$ 0
Ind. E.	13	5	3	2	0	0	0	0	3	0	0
	$1872	$1726	$1980	$2153	$ 0	$ 0	$ 0	$ 0	$1823	$ 0	$ 0
Mech. E.	74	48	12	3	2	2	0	0	5	0	2
	$1973	$1953	$2040	$2116	$1796	$1721	$ 0	$ 0	$2387	$ 0	$1233
Met. E.	12	4	4	0	0	3	0	0	1	0	0
	$2145	$2344	$1973	$ 0	$ 0	$2166	$ 0	$ 0	$1970	$ 0	$ 0

Of the 172 who completed an advanced degree 118 (68.60%) completed the degree as a full-time student.

GRADUATES PRESENTLY EMPLOYED AND WORKING ON ADVANCED DEGREE

	Total Working On Advanced Degrees	M.S. in Original Field	M.S. in Other Tech. Field	M.S. in Non-Tech. Field	PH.D. in Original Field	PH.D. in Other Tech. Field	PH.D. in Non-Tech. Field	M.B.A.	Law Degree	Other
All Engineers	32	3	6	2	1	0	1	16	2	1
Aero. E.	4	0	3	0	0	0	0	1	0	0
Ag. E.	1	0	0	0	1	0	0	0	0	0
Ceram. E.	0	0	0	0	0	0	0	0	0	0
Civil E.	7	0	2	0	0	0	0	5	0	0
Elec. E.	11	3	0	0	0	0	0	6	1	1
E. Mech.	0	0	0	0	0	0	0	0	0	0
E. Phys.	0	0	0	0	0	0	0	0	0	0
Gen. E.	0	0	0	0	0	0	0	0	0	0
Ind. E.	1	0	0	0	0	0	0	0	1	0
Mech. E.	8	0	1	2	0	0	1	4	0	0
Met. E.	0	0	0	0	0	0	0	0	0	0

CORRELATION BETWEEN SCHOLASTIC AVERAGE AND FINANCIAL PROGRESS

	Total Employed	Decile 1 5.000 - 4.531	Decile 2 4.530 - 4.257	Decile 3 4.256 - 4.068	Decile 4 4.067 - 3.931	Decile 5 3.930 - 3.752	Decile 6 3.751 - 3.573	Decile 7 3.572 - 3.464	Decile 8 3.463 - 3.348	Decile 9 3.347 - 3.222	Decile 10 3.221 - 3.000
All Engineers	321	33	32	32	32	32	32	32	32	32	32
	$1970	$2106	$1946	$1851	$2101	$2048	$2128	$1868	$1852	$1915	$1882
Aero. E.	21	2	3	3	2	3	3	2	1	1	1
	$1778	$2091	$1701	$1386	$1594	$1982	$1816	$2090	$1586	$2210	$1332
Ag. E.	13	1	2	0	1	2	4	0	0	3	0
	$2244	$1540	$1870	$ 0	$5000	$2007	$2476	$ 0	$ 0	$1660	$ 0
Ceram. E.	6	0	1	1	0	0	0	2	1	0	1
	$1983	$ 0	$2350	$2700	$ 0	$ 0	$ 0	$1807	$1500	$ 0	$1738
Civil E.	48	2	4	7	5	5	2	3	6	8	6
	$2069	$2885	$2404	$1968	$2031	$2513	$2682	$1631	$1860	$1765	$1987
Elec. E.	99	13	11	8	10	9	9	16	12	5	6
	$1911	$2094	$1816	$1818	$1901	$1924	$2051	$1859	$1811	$1737	$2091
E. Mech.	4	2	0	1	0	1	0	0	0	0	0
	$1721	$2143	$ 0	$1600	$ 0	$1000	$ 0	$ 0	$ 0	$ 0	$ 0
E. Phys.	12	4	1	3	2	1	1	0	0	0	0
	$1842	$1745	$1333	$1550	$3250	$1008	$1636	$ 0	$ 0	$ 0	$ 0
Gen. E.	19	3	1	4	2	3	2	0	1	2	1
	$2126	$2342	$2200	$2105	$2000	$2275	$2050	$ 0	$2000	$1916	$1990
Ind. E.	13	1	1	1	2	0	2	2	2	1	1
	$1872	$1550	$2000	$1650	$2145	$ 0	$2298	$1931	$1725	$1665	$1284
Mech. E.	74	3	8	4	7	6	7	5	9	10	15
	$1973	$2114	$1994	$1935	$2017	$2168	$2089	$1917	$1982	$1908	$1849
Met. E.	12	2	0	0	1	2	2	2	0	2	1
	$2145	$2300	$ 0	$ 0	$ 975	$1935	$1986	$1960	$ 0	$3366	$1670

JOB CHANGES

	No Change			One Change			Two Changes			Three Changes			Four or More Changes		
	No.	Percent	Av.Sal.	No.	Percent	Av.Sal.	No.	Percent	Av.Sal.	No.	Percent	Av.Sal.	No.	Percent	Av.Sal.
All Engineers	217	67.60%	$2013	56	17.45%	$1915	26	8.10%	$1853	15	4.67%	$1811	7	2.18%	$1860
Aero. E.	13	61.90%	$1866	6	28.57%	$1738	0	0.00%	$ 0	2	9.52%	$1325	0	0.00%	$ 0
Ag. E.	9	69.23%	$2500	3	23.07%	$1607	1	7.69%	$1850	0	0.00%	$ 0	0	0.00%	$ 0
Ceram. E.	5	83.33%	$2105	1	16.66%	$1375	0	0.00%	$ 0	0	0.00%	$ 0	0	0.00%	$ 0
Civil E.	29	60.41%	$2115	8	16.66%	$2410	6	12.50%	$1618	4	8.33%	$1818	1	2.08%	$1750
Elec. E.	67	67.67%	$1938	17	17.17%	$1803	6	6.06%	$1803	5	5.05%	$2083	4	4.04%	$1881
E. Mech.	4	100.00%	$1721	0	0.00%	$ 0	0	0.00%	$ 0	0	0.00%	$ 0	0	0.00%	$ 0
E. Phys.	10	83.33%	$1947	0	0.00%	$ 0	1	8.33%	$1300	1	8.33%	$1333	0	0.00%	$ 0
Gen. E.	11	57.89%	$2106	4	21.05%	$2138	3	15.78%	$2258	0	0.00%	$ 0	1	5.26%	$1900
Ind. E.	8	61.53%	$1877	3	23.07%	$1680	1	7.69%	$2040	1	7.69%	$2250	0	0.00%	$ 0
Mech. E.	53	71.62%	$1990	12	16.21%	$1916	6	8.10%	$2076	2	2.70%	$1625	1	1.35%	$1850
Met. E.	8	66.67%	$2299	2	16.67%	$2052	2	16.67%	$1620	0	0.00%	$ 0	0	0.00%	$ 0

PRESENT GEOGRAPHIC LOCATION OF ENGINEERING GRADUATES

Location	All Engrs.	Percent	Percent Ten Yrs. Ago	Aero.	Ag.E.	Cer.	Civ.	E.E.	E. Mech.	E. Phys.	G.E.	Ind.	M.E.	Met.
Ill.	138	43.0%	45.8%	6	6	0	20	42	0	4	8	9	39	4
Cal.	40	12.5%	15.6%	6	0	1	7	14	1	1	2	0	6	2
Ind.	12	3.7%	4.4%	1	3	2	0	1	0	0	2	0	3	0
Mo.	12	3.7%	3.0%	0	1	0	1	4	0	2	0	0	4	0
Pa.	10	3.1%	3.3%	0	0	0	1	2	0	0	0	0	5	2
Colo.	9	2.8%	0.3%	0	0	1	2	3	0	1	1	0	1	0
N.J.	9	2.8%	2.1%	1	0	1	2	3	0	0	0	0	2	0
Ohio	9	2.8%	2.5%	0	0	0	1	2	0	0	3	0	1	2
Mich.	7	2.2%	2.2%	0	1	0	0	0	0	0	1	1	4	0
Tex.	7	2.2%	1.6%	0	0	1	0	2	1	0	0	0	2	1
N.Y.	6	1.9%	1.4%	0	0	0	1	3	0	0	2	0	0	0
Ariz.	5	1.6%	0.0%	0	0	0	1	3	0	0	0	0	1	0
Fla.	5	1.6%	1.4%	0	0	0	1	3	0	0	0	1	0	0
Wis.	5	1.6%	4.4%	0	1	0	0	3	0	1	0	0	0	0
Conn.	4	1.3%	1.6%	1	0	0	0	1	0	0	0	1	1	0
Md.	4	1.3%	0.3%	1	0	0	0	3	0	0	0	0	0	0
Foreign	4	1.3%	0.3%	0	0	0	2	1	0	0	0	0	1	0
Iowa	3	.9%	2.5%	1	1	0	0	1	0	0	0	0	0	0
Ore.	3	.9%	0.0%	0	0	0	0	1	1	1	0	0	0	0
Tenn.	3	.9%	0.3%	0	0	0	2	0	0	1	0	0	0	0
Wash.	3	.9%	1.9%	2	0	0	0	0	0	1	0	0	0	0
Ga.	2	.6%	0.5%	1	0	0	1	0	0	0	0	0	0	0
La.	2	.6%	0.5%	0	0	0	2	0	0	0	0	0	0	0
Mass.	2	.6%	0.5%	0	0	0	0	1	0	0	0	0	1	0
Minn.	2	.6%	0.3%	0	0	0	0	2	0	0	0	0	0	0
N.Car.	2	.6%	0.0%	0	0	0	1	0	0	0	0	0	0	1
Va.	2	.6%	0.3%	0	0	0	0	1	0	0	0	0	1	0
D.C.	2	.6%	1.1%	0	0	0	1	0	0	0	0	0	1	0
Alas.	1	.3%	0.0%	1	0	0	0	0	0	0	0	0	0	0
Ark.	1	.3%	1.1%	0	0	0	0	0	0	0	0	1	0	0
Ky.	1	.3%	0.0%	0	0	0	1	0	0	0	0	0	0	0
Miss.	1	.3%	0.0%	0	0	0	0	0	1	0	0	0	0	0
Neb.	1	.3%	0.0%	0	0	0	0	0	0	0	0	0	1	0
Nev.	1	.3%	0.5%	0	0	0	0	1	0	0	0	0	0	0
N.Mex.	1	.3%	0.3%	0	0	0	0	1	0	0	0	0	0	0
S.Car.	1	.3%	0.0%	0	0	0	0	1	0	0	0	0	0	0
Wyo.	1	.3%	0.0%	0	0	0	1	0	0	0	0	0	0	0
Total	321	99.9%	100.0%	21	13	6	48	99	4	12	19	13	74	12

SIZE OF ORGANIZATIONS IN WHICH THE GRADUATES ARE NOW EMPLOYED

	Total Employed	0-50 Employees			51-150 Employees			151-500 Employees			501-5,000 Employees			5,001-10,000 Employees			Over 10,000 Employees		
		No.	%	Av.Sal.	No.	%	Av.Sal.	No.	%	Av.Sal.	No.	%	Av.Sal.	No.	%	Av.Sal.	No.	%	Av.Sal.
All Engineers	321	39	12.15%	$2174	21	6.54	$1954	21	6.54%	$1888	86	26.79%	$1887	33	10.28%	$1896	121	37.69%	$2001
Aero. E.	21	3	14.29%	$1381	2	9.52%	$2216	0	0.00%	$ 0	6	28.57%	$1854	3	14.29%	$1896	7	33.33%	$1707
Ag. E.	13	2	15.38%	$3425	0	0.00%	$ 0	1	7.69%	$1700	3	23.08%	$2041	1	7.69%	$3300	6	46.15%	$1867
Ceram. E.	6	0	0.00%	$ 0	0	0.00%	$ 0	0	0.00%	$ 0	3	50.00%	$1705	0	0.00%	$ 0	3	50.00%	$2262
Civil E.	48	7	14.58%	$2128	6	12.50%	$1739	3	6.25%	$2551	16	33.33%	$2087	5	10.42%	$1872	11	22.92%	$2145
Elec. E.	99	11	11.11%	$2013	4	4.04%	$1793	6	6.06%	$1620	26	26.26%	$1817	10	10.10%	$1795	42	42.42%	$2023
E. Mech.	4	0	0.00%	$ 0	1	25.00%	$1000	0	0.00%	$ 0	1	25.00%	$1600	0	0.00%	$ 0	2	50.00%	$2143
E. Phys.	12	1	8.33%	$4000	1	8.33%	$1008	1	8.33%	$2600	5	41.67%	$1437	2	16.67%	$2050	2	16.67%	$1607
Gen. E.	19	4	21.05%	$2177	1	5.26%	$1500	1	5.26%	$2100	2	10.53%	$2100	2	10.53%	$1975	9	47.37%	$2215
Ind. E.	13	1	7.69%	$2000	0	0.00%	$ 0	3	23.08%	$2023	3	23.08%	$1863	2	15.38%	$1745	4	30.77%	$1799
Mech. E.	74	9	12.16%	$1895	6	8.11%	$2582	6	8.11%	$1634	20	27.03%	$1939	5	6.76%	$1985	28	37.84%	$1963
Met. E.	12	1	8.33%	$5000	0	0.00%	$ 0	0	0.00%	$ 0	1	8.33%	$1900	3	25.00%	$1602	7	58.33%	$2004

TYPE OF COMPANY CODES
(Refers to table on Page 9.)

CODE	TYPE OF COMPANY
1	Aerospace, Electronics, & Instruments
2	Automotive & Mechanical Equipment
3	Banking, Finance, & Insurance
4	Building Materials Manufacturers and Construction
5	Chemicals, Drugs, & Allied Products
6	Electrical Machinery & Equipment
7	Food & Beverage Processing
8	Glass, Paper, Packaging, & Allied Products
9	Merchandising & Services
10	Metals & Metal Products
11	Petroleum & Allied Products (inc. Natural Gas)
12	Research &/or Consulting Organizations
13	Tire & Rubber
14	Utilities--Public (inc. Transportation)
15	Government--Federal
16	Government--Local & State
17	Non-Profit Organizations & Educational Institutions
18	Other

THE EMPLOYED GRADUATES ARE NOW EMPLOYED BY THE FOLLOWING TYPES OF COMPANIES
(See Page 8 for code of "Type of Company".)

Type of Company	All Engrs.	Percent	Average Salary	Aero.	Ag.E.	Ceram.	Civil	E.E.	E. Mech.	E. Phys.	G.E.	Ind.	M.E.	Met.
1	70	21.81%	$1877	9	1	0	2	41	1	5	1	1	7	2
				$1756	$1265	$ 0	$3250	$1915	$2097	$1560	$2500	$1284	$1753	$1701
2	35	10.90%	$2062	1	6	1	2	4	0	0	3	3	14	1
				$1400	$2396	$1738	$1753	$1721	$ 0	$ 0	$2064	$2033	$2131	$2135
3	2	0.62%	$2208	1	0	0	0	1	0	0	0	0	0	0
				$2500	$ 0	$ 0	0	$1917	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
4	13	4.05%	$2109	0	1	0	5	1	0	0	2	0	4	0
				$ 0	$1700	$ 0	$2381	$1500	$ 0	$ 0	$2504	$ 0	$1825	$ 0
5	13	4.05%	$2088	0	0	0	2	2	0	2	2	1	3	1
				$ 0	$ 0	$ 0	$1991	$2287	$ 0	$2150	$2125	$1665	$2134	$1970
6	16	4.98%	$1830	0	0	1	0	5	0	0	0	2	7	1
				$ 0	$ 0	$2350	$ 0	$1849	$ 0	$ 0	$ 0	$1575	$1733	$2403
7	5	1.56%	$2423	0	0	0	1	2	0	0	1	0	1	0
				$ 0	$ 0	$ 0	$1925	$2396	$ 0	$ 0	$3000	$ 0	$2400	$ 0
8	6	1.87%	$2115	0	0	0	2	2	0	0	1	0	1	0
				$ 0	$ 0	$ 0	$2232	$2079	$ 0	$ 0	$1900	$ 0	$2167	$ 0
9	5	1.56%	$2462	1	0	0	2	0	0	0	0	2	0	0
				$3100	$ 0	$ 0	$2740	$ 0	$ 0	$ 0	$ 0	$1866	$ 0	$ 0
10	14	4.36%	$1759	0	0	0	0	2	0	0	2	2	4	4
				$ 0	$ 0	$ 0	$ 0	$1550	$ 0	$ 0	$1660	$2298	$1698	$1707
11	9	2.80%	$2058	0	0	1	3	2	1	0	0	0	2	0
				$ 0	$ 0	$2700	$2065	$1802	$2190	$ 0	$ 0	$ 0	$1916	$ 0
12	36	11.21%	$2076	2	0	0	9	8	0	1	4	1	11	0
				$1791	$ 0	$ 0	$2031	$2130	$ 0	$1333	$1862	$2040	$2275	$ 0
13	1	0.31%	$2100	0	0	0	0	0	0	0	0	0	1	0
				$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$2100	$ 0
14	16	4.98%	$1948	1	0	0	4	6	0	0	1	0	4	0
				$1332	$ 0	$ 0	$2285	$1799	$ 0	$ 0	$1700	$ 0	$2050	$ 0
15	16	4.98%	$1874	1	0	0	4	6	0	0	0	0	3	2
				$1680	$ 0	$ 0	$1692	$1935	$ 0	$ 0	$ 0	$ 0	$1976	$2000
16	10	3.11%	$1862	1	0	0	5	2	0	0	0	1	1	0
				$1863	$ 0	$ 0	$1847	$1944	$ 0	$ 0	$ 0	$1780	$1850	$ 0
17	20	6.23%	$1657	1	2	0	4	7	2	2	0	0	2	0
				$1850	$1561	$ 0	$1952	$1691	$1300	$1087	$ 0	$ 0	$1872	$ 0
18	34	10.59%	$2076	3	3	3	3	8	0	2	2	0	9	1
				$1408	$2905	$1705	$1382	$1971	$ 0	$3250	$2537	$ 0	$1784	$5000
Totals	321	100.00%	$1970	21	13	6	48	99	4	12	19	13	74	12
				$1778	$2244	$1983	$2069	$1911	$1721	$1842	$2126	$1872	$1973	$2145

PRESENT FIELD OF PRIMARY RESPONSIBILITY

Field	All Engrs.	Percent	Average Salary	Aero.	Ag.E.	Ceram.	Civil	E.E.	E. Mech.	E. Phys.	G.E.	Ind.	M.E.	Met.
Company Owner	9	2.80%	$2408	1 $1355	1 $5000	0 $ 0	1 $ 500	3 $2833	0 $ 0	0 $ 0	1 $1820	1 $2000	1 $2500	0 $ 0
Computer Software	10	3.11%	$1802	3 $1803	1 $1850	0 $ 0	1 $1980	2 $2147	0 $ 0	2 $1468	0 $ 0	1 $1550	0 $ 0	0 $ 0
Construct-ion	6	1.87%	$1932	0 $ 0	0 $ 0	0 $ 0	3 $2081	2 $1625	0 $ 0	0 $ 0	0 $ 0	0 $ 0	1 $2100	0 $ 0
Consulting	18	5.61%	$2101	1 $1250	0 $ 0	0 $ 0	5 $2127	3 $1584	0 $ 0	0 $ 0	2 $2050	1 $2040	6 $2506	0 $ 0
Design &/or Development	50	15.58%	$1788	4 $1552	3 $2432	0 $ 0	7 $1512	18 $1741	1 $2097	1 $1700	2 $2450	0 $ 0	14 $1805	0 $ 0
Field Engr.	4	1.25%	$1669	1 $1332	0 $ 0	0 $ 0	1 $1666	0 $ 0	0 $ 0	0 $ 0	0 $ 0	1 $1780	1 $1900	0 $ 0
Management &/or Admin.	72	22.43%	$2231	3 $2186	0 $ 0	2 $2295	17 $2448	26 $2139	0 $ 0	2 $2550	2 $2087	5 $2118	13 $2173	2 $2052
Manufact-uring	12	3.74%	$1637	0 $ 0	1 $1605	1 $1375	0 $ 0	1 $1700	0 $ 0	0 $ 0	0 $ 0	3 $1578	5 $1851	1 $ 975
Operations Research	3	0.93%	$1883	0 $ 0	0 $ 0	0 $ 0	0 $ 0	2 $2000	0 $ 0	0 $ 0	0 $ 0	1 $1650	0 $ 0	0 $ 0
Production	2	0.62%	$2000	0 $ 0	0 $ 0	0 $ 0	1 $2100	0 $ 0	0 $ 0	0 $ 0	1 $1900	0 $ 0	0 $ 0	0 $ 0
Project Engr.	30	9.34%	$1969	3 $2352	1 $1700	0 $ 0	3 $2097	9 $1861	0 $ 0	1 $1515	2 $1745	0 $ 0	10 $1987	1 $2403
Quality Control	5	1.56%	$1805	0 $ 0	0 $ 0	1 $1738	0 $ 0	0 $ 0	0 $ 0	0 $ 0	1 $2200	0 $ 0	2 $1760	1 $1570
Research	18	5.61%	$1946	1 $2333	0 $ 0	2 $2100	1 $2065	4 $1815	1 $2190	2 $1250	1 $2050	0 $ 0	2 $2073	4 $2071
Sales	21	6.54%	$2055	2 $1600	1 $3300	0 $ 0	3 $2178	6 $1596	0 $ 0	1 $1750	1 $2333	0 $ 0	6 $1911	1 $5000
Service	4	1.25%	$1503	0 $ 0	2 $1632	0 $ 0	0 $ 0	2 $1375	0 $ 0	0 $ 0	0 $ 0	0 $ 0	0 $ 0	0 $ 0
Systems Engr.	17	5.29%	$1885	0 $ 0	0 $ 0	0 $ 0	0 $ 0	11 $1920	0 $ 0	1 $1600	0 $ 0	0 $ 0	5 $1865	0 $ 0
Teaching	9	2.80%	$1526	0 $ 0	2 $1561	0 $ 0	1 $2060	2 $1850	2 $1300	1 $1008	0 $ 0	0 $ 0	1 $1250	0 $ 0
Testing	7	2.18%	$1744	0 $ 0	1 $2040	0 $ 0	1 $1927	2 $1651	0 $ 0	0 $ 0	0 $ 0	0 $ 0	1 $1542	2 $1701
Other	24	7.48%	$1963	2 $1317	0 $ 0	0 $ 0	3 $1711	6 $1887	0 $ 0	1 $4000	6 $2237	0 $ 0	6 $1766	0 $ 0
Total	321	100.00%	$1970	21 $1778	13 $2244	6 $1983	48 $2069	99 $1911	4 $1721	12 $1842	19 $2126	13 $1872	74 $1973	12 $2145

PRESENT LEVEL OF RESPONSIBILITY

	All Engineers	Supervise Small Group	Individual In a Group	Manage Department	Plant Manager or Supervisor	Top Executive	Branch Manager	Private Practice	Other
All Engineers	321	129	84	65	12	14	9	1	7
		40.19%	26.17%	20.25%	3.74%	4.36%	2.80%	0.31%	2.18%
		$1780	$1881	$2192	$2251	$2553	$2397	$1755	$2320
Aero. E.	21	8	8	3	0	0	0	0	2
		38.10%	38.10%	14.29%	0.00%	0.00%	0.00%	0.00%	9.52%
		$1755	$1768	$2014	$ 0	$ 0	$ 0	$ 0	$1552
Ag. E.	13	7	3	1	0	1	1	0	0
		53.85%	23.08%	7.69%	0.00%	7.69%	7.69%	0.00%	0.00%
		$1885	$2043	$3000	$ 0	$1850	$5000	$ 0	$ 0
Ceram. E.	6	2	3	1	0	0	0	0	0
		33.33%	50.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%
		$2219	$1741	$2240	$ 0	$ 0	$ 0	$ 0	$ 0
Civil E.	48	14	15	10	3	5	1	0	0
		29.17%	31.25%	20.83%	6.25%	10.42%	2.08%	0.00%	0.00%
		$1881	$1905	$2393	$2340	$2596	$ 500	$ 0	$ 0
Elec. E.	99	40	26	23	2	3	2	1	2
		40.40%	26.26%	23.23%	2.02%	3.03%	2.02%	1.01%	2.02%
		$1710	$1814	$2159	$2479	$3166	$1350	$1755	$2529
E. Mech.	4	3	0	0	0	0	0	0	1
		75.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	25.00%
		$1962	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$1000
E. Phys.	12	8	1	2	0	0	1	0	0
		66.67%	8.33%	16.67%	0.00%	0.00%	8.33%	0.00%	0.00%
		$1500	$1008	$2550	$ 0	$ 0	$4000	$ 0	$ 0
Gen. E.	19	6	5	3	1	2	2	0	0
		31.58%	26.32%	15.79%	5.26%	10.53%	10.53%	0.00%	0.00%
		$2055	$2118	$1866	$2675	$2160	$2437	$ 0	$ 0
Ind. E.	13	4	3	3	2	0	1	0	0
		30.77%	23.08%	23.08%	15.38%	0.00%	7.69%	0.00%	0.00%
		$1643	$1804	$2090	$2045	$ 0	$2000	$ 0	$ 0
Mech. E.	74	31	18	17	3	3	1	0	1
		41.89%	24.32%	22.97%	4.05%	4.05%	1.35%	0.00%	1.35%
		$1771	$1977	$2151	$2433	$2365	$2500	$ 0	$2083
Met. E.	12	6	2	2	1	0	0	0	1
		50.00%	16.67%	16.67%	8.33%	0.00%	0.00%	0.00%	8.33%
		$1920	$2068	$2052	$ 975	$ 0	$ 0	$ 0	$5000

HOW MANY ENGINEERS AND SCIENTISTS WORK IN THE ORGANIZATIONAL UNIT IN WHICH YOU ARE CURRENTLY DOING YOUR MAJOR WORK

	None	1-3	4-10	11-20	21-50	51-100	101-300	Over 300	Total
All Engineers	37 11.52%	56 17.45%	97 30.22%	48 14.95%	32 9.97%	16 4.98%	27 8.41%	8 2.49%	321
Aero. E.	2 9.52%	0 0.00%	7 33.33%	4 19.05%	3 14.29%	1 4.76%	3 14.29%	1 4.76%	21
Ag. E.	2 15.38%	2 15.38%	3 23.08%	1 7.69%	2 15.38%	1 7.69%	0 0.00%	2 15.38%	13
Ceram. E.	0 0.00%	1 16.67%	3 50.00%	1 16.67%	0 0.00%	0 0.00%	1 16.67%	0 0.00%	6
Civil E.	4 8.33%	10 20.83%	16 33.33%	9 18.75%	2 4.17%	2 4.17%	4 8.33%	1 2.08%	48
Elec. E.	12 12.12%	16 16.16%	29 29.29%	13 13.13%	15 15.15%	6 6.06%	6 6.06%	2 2.02%	99
E. Mech.	0 0.00%	0 0.00%	1 25.00%	1 25.00%	0 0.00%	1 25.00%	1 25.00%	0 0.00%	4
E. Phys.	2 16.67%	3 25.00%	4 33.33%	0 0.00%	0 0.00%	1 8.33%	0 0.00%	2 16.67%	12
Gen. E.	6 31.58%	3 15.79%	5 26.32%	3 15.79%	0 0.00%	0 0.00%	2 10.53%	0 0.00%	19
Ind. E.	4 30.77%	2 15.38%	1 7.69%	2 15.38%	2 15.38%	1 7.69%	1 7.69%	0 0.00%	13
Mech. E.	5 6.76%	16 21.62%	26 35.13%	12 16.22%	6 8.11%	2 2.70%	7 9.46%	0 0.00%	74
Met. E.	0 0.00%	3 25.00%	2 16.67%	2 16.67%	2 16.67%	1 8.33%	2 16.67%	0 0.00%	12

MILITARY SERVICE AFTER GRADUATION AND ITS EFFECT ON SALARY

	Total Employed	No Military Service			6 Months or Less			1 Year			2 or More Years		
		No.	Percent	Salary	No.	Percent	Salary	No.	Percent	Salary	No.	Percent	Salary
All Engineers	321	280	87.23%	$1989	6	1.87%	$1924	0	0.00%	$ 0	35	10.90%	$1827
Aero. E.	21	19	90.48%	$1803	0	0.00%	$ 0	0	0.00%	$ 0	2	9.52%	$1540
Ag. E.	13	11	84.61%	$2302	1	7.69%	$2000	0	0.00%	$ 0	1	7.69%	$1850
Ceram. E.	6	5	83.33%	$2080	0	0.00%	$ 0	0	0.00%	$ 0	1	16.67%	$1500
Civil E.	48	36	75.00%	$2141	1	2.08%	$1750	0	0.00%	$ 0	11	22.92%	$1863
Elec. E.	99	90	90.91%	$1919	4	4.04%	$1949	0	0.00%	$ 0	5	5.05%	$1743
E. Mech.	4	4	100.00%	$1721	0	0.00%	$ 0	0	0.00%	$ 0	0	0.00%	$ 0
E. Phys.	12	12	100.00%	$1842	0	0.00%	$ 0	0	0.00%	$ 0	0	0.00%	$ 0
Gen. E.	19	16	84.21%	$2160	0	0.00%	$ 0	0	0.00%	$ 0	3	15.79%	$1944
Ind. E.	13	13	100.00%	$1872	0	0.00%	$ 0	0	0.00%	$ 0	0	0.00%	$ 0
Mech. E.	74	62	83.78%	$1992	0	0.00%	$ 0	0	0.00%	$ 0	12	16.22%	$1874
Met. E.	12	12	100.00%	$2145	0	0.00%	$ 0	0	0.00%	$ 0	0	0.00%	$ 0

INFLUENCE OF UNDERGRADUATE DEGREE ON PRESENT POSITION

Question: To hold your present position, is it important for you to have an engineering degree?

Yes	251	78.19%
No	69	21.50%
No answer	1	0.31%
Total	321	

Question: How much knowledge and skill, related to your undergraduate degree, do you apply in your present position?

Most or all	71	22.12%
Some	152	47.35%
Very little	82	25.54%
None	16	4.98%
Total	321	

Question: On the average, how many hours do you spend on your job each week?

30 hours or less	1	0.31%
31-40 hours	76	23.68%
41-45 hours	127	39.56%
46-50 hours	74	23.05%
51 or more hours	43	13.39%
Total	321	

Question: If you have not received an advanced degree and are not working toward one, do you feel that this has been a limiting factor in your progress with your company and in your work?

Yes	11	3.43%
No	132	41.12%
No answer	178	55.45%
Total	321	

QUESTION CONCERNING UNDERGRADUATE CURRICULUM

Question: If you had it to do all over again, would you choose:

200	62.30%	A specialized undergraduate engineering curriculum (e.g. M.E., E.E., etc.)
44	13.71%	A common undergraduate engineering curriculum (no specialization)
4	1.25%	Another type of curriculum in mathematics or physical science (e.g. Phys., Chem.)
39	12.15%	Another type of undergraduate professional curriculum (e.g. Pre-Law, Medicine)
3	0.93%	A liberal arts curriculum
15	4.67%	A business administration curriculum
16	4.98%	Other
321		Total

QUESTIONS CONCERNING RECOMMENDATION

Question: Based on the engineering field as you see it, would you encourage a capable high school student to choose engineering as a career?

Yes	261	81.31%
No	58	18.07%
Yes and no	0	0.00%
No answer	2	0.62%
Total	321	

Question: Has your work in the field of engineering been personally satisfying?

Yes	265	82.55%
No	50	15.58%
Yes and no	0	0.00%
No answer	6	1.87%
Total	321	

Question: Did you graduate from the cooperative education program?

Yes	4	1.25%
No	317	98.75%
No answer	0	0.00%
Total	321	

QUESTIONS CONCERNING PROFESSIONAL DEVELOPMENT

Question: Have you become registered as:

1.	Professional Engineer	92	28.66%
2.	Engineer-in-training	63	19.63%
3.	Structural engineer	2	0.62%
4.	Surveyor	1	0.31%
5.	Other	7	2.18%
6.	None of the above	166	51.71%

Question: Have you participated in any company professional or management programs?

Yes	194	60.44%
No	119	37.07%
No reply	8	2.49%
Total	321	

Question: Have you held an office in any of the following organizations?

1.	Professional organization	49	15.26%
2.	School board	1	0.31%
3.	Church	61	19.00%
4.	Service Clubs	31	9.66%
5.	Boy Scouts or other youth groups	43	13.39%
6.	Political	13	4.05%
7.	None of the above	186	57.94%

RANGE OF PRESENT SALARIES OF 1966 ENGINEERING GRADUATES

The monthly salaries are listed according to highest degree held in 1976.

B.S. Degree

Salary	Total
$5000	2
4000	1
3300	1
3271	1
3100	1
3000	2
2750	1
2558	1
2500	4
2495	1
2425	1
2410	1
2400	2
2371	1
2333	1
2324	1
2291	1
2220	1
2210	1
2200	3
2160	1
2150	1
2120	1
2100	5
2083	3
2050	1
2000	8
1996	1
1990	1
1980	2
1965	1
1935	1
1927	1
1925	1
1917	1
1910	1
1900	6
1889	1
1885	2
1880	1
1875	1
1868	1
1865	1
1856	1
1855	1
1850	3
1842	1
1833	3
1830	1
1828	1
1817	1
1800	2
1783	1
1777	1
1775	1
1770	1
1765	1
$1758	1
1750	7
1742	1
1740	1
1738	1
1733	1
1725	1
1716	1
1700	2
1685	1
1670	1
1667	1
1666	3
1665	1
1658	1
1638	1
1608	1
1605	1
1600	2
1595	1
1585	1
1550	1
1545	1
1542	1
1510	1
1500	5
1468	1
1447	1
1445	1
1400	2
1385	1
1375	1
1332	1
1284	1
1277	1
1265	1
1250	1
1200	1
1140	1
1120	1
1100	2
1000	1
0975	1

M.S. Degree

Salary	Total
$5000	1
4000	1
3500	1
3000	2
2784	1
2756	1
2500	3
2431	1
2403	1
2250	3
2240	2
$2208	1
2200	3
2167	3
2150	1
2135	1
2120	1
2100	3
2097	1
2083	1
2068	1
2050	3
2040	2
2015	1
2000	2
1950	2
1945	1
1900	1
1880	1
1867	1
1863	1
1838	1
1833	2
1826	1
1820	1
1807	1
1785	1
1775	1
1755	1
1708	1
1700	3
1682	1
1680	1
1655	1
1650	1
1646	1
1636	1
1600	1
1580	1
1575	2
1570	1
1550	2
1542	1
1540	1
1520	2
1500	3
1417	1
1355	1
1313	1
1300	2
1250	1
1200	1
1008	1
0771	1
0500	1

PH.D. Degree

Salary	Total
$2700	1
2500	3
2333	1
2253	1
2192	1
2190	1
2123	1
2100	2
2065	1
2060	1
2000	2
1950	1
1900	2
1850	1
1835	1
1750	1
1700	1
1600	1
1583	1
1333	1
1250	1
1167	1
1000	1

M.B.A. Degree

Salary	Total
$3750	1
3369	1
3333	1
3300	1
3000	3
2675	1
2600	1
2500	1
2400	1
2350	1
2300	1
2292	1
2290	1
2250	1
2200	1
2197	1
2180	1
2100	1
2091	1
2083	1
2062	1
2042	1
2000	3
1970	1
1917	1
1915	1
1855	1
1850	1
1840	1
$1780	1
1710	1
1700	1
1586	1
1583	1
1515	1
1500	2
1417	1
1380	1
1375	1

Law Degree

Salary	Total
$2975	1
2500	2
2002	1
1892	1
1820	1

Other Degree

Salary	Total
$1621	1
1408	1
0846	1

THE 321 RESPONDENTS WHO ARE EMPLOYED ARE NOW EMPLOYED BY THE FOLLOWING COMPANIES

Abbott Laboratories	1 M.E.
Admiral Corporation	1 M.E.
Aeronutronic Division, Philco-Ford Corp.	1 CER.E., 1 E.E.
Air Products & Chemicals, Inc.	1 MET.E.
Airesearch	1 M.E.
Allied Chemical Co.	1 M.E.
Allis Chalmers	1 G.E.
Almor Instrument Co.	1 E.E.
American Nuclear Society	1 E.E.
American Public Health Association	1 C.E.
American Micro Systems	1 E.E.
American Motors Corp.	1 G.E.
Andar Corporation	1 M.E.
Arthur Andersen & Co.	1 G.E.
Paul Anthony Real Estate	1 E.E.
Applied Physical Lab., Johns Hopkins University	1 E.E.
Ardaman Associates	1 C.E.
Argonne National Laboratory	1 MET.E.
Armco Steel Co.	2 MET.E.
Arms, Inc.	1 E.E.
Aspen, City of	1 C.E.
Association of American Railroads	1 A.A.E.
Atwood Mobile Products Division	1 M.E.
Automatic Burner Co.	1 M.E.
Babcock & Wilcox	1 M.E.
Ball Brothers Research Corporation	1 E.E.
Baptist Church	1 A.A.E.
Battelle Laboratories	1 G.E.
Bechtel Corporation	1 C.E.
Bell Systems:	
Bell Telephone Laboratories	1 E.E.
Illinois Bell Telephone	1 M.E., 3 E.E.
Sandia Labs.	1 E.E.
Teletype Corporation	1 E.E.
Western Electric	2 E.E.
Bell Helicopter Co.	1 MET.E.
Benton and Associates	1 A.A.E.
Black & Decker	1 A.A.E.
Black & Veatch Consulting Engineers	1 M.E.
Blank and Wesselink & Associates	1 G.E.
Boca International	1 C.E.
The Boeing Company	2 A.A.E.
Borg Warner	1 E.E.
Bourns, C.A.I. Division	1 E.E.
Bradley University	1 M.E.
Brunswick Corporation	1 M.E.
Burge, David	1 G.E.
Butler Manufacturing Company	1 M.E.
California, State of, Comprehensive Insurance Fd.	1 E.E.
Caterpillar Tractor Co.	4 M.E., 3 AG.E., 1 C.E.
Central Ice Machine Company	1 M.E.
Chicago Bridge & Iron Co.	1 C.E.
Chicago Group (Consulting firm)	1 E.E.
Chicago Metropolitan Sanitary District	1 C.E.
Chicago Transit Authority	1 E.E.
Chloride Inc.	1 I.E.
Clayton, R.J.	1 C.E.
Clemson University	1 E.E.
Coca Cola Co.	1 M.E.
Collins Radio Co.	1 E.E.
Colson Caster Co.	1 I.E.
Commonwealth Edison Company	1 M.E.
Comprehensive High School	1 M.E.

THE 321 RESPONDENTS WHO ARE EMPLOYED ARE NOW EMPLOYED BY THE FOLLOWING COMPANIES (Continued)

Computer Sciences Corporation	1 A.A.E., 1 C.E.
Conrail	1 C.E.
Consoer Morgan	1 M.E.
Cook Electric	1 E.E.
Cooling Equipment Co.	1 M.E.
Coors Porcelain Co.	1 CER.E.
Crucible Inc.	1 MET.E.
Deere & Company	1 AG.E., 1 M.E., 1 E.E.
Dickey-John	1 E.E.
Digital Equipment Company	1 E.E.
R.R. Donnelley & Sons, Inc.	2 M.E.
E.A.B. Construction	1 E.E.
E.G.G. Inc.	1 E.E.
Eastman Kodak	1 G.E.
Ernst & Ernst	1 E.E.
Esmark Inc.	1 A.A.E.
Evans and Associates	1 E.E.
Exxon Corporation	1 CER.E., 1 C.E., 1 E.MECH.
FMC Corporation	1 M.E.
Fairfield Manufacturing	1 AG.E.
Fermilab	1 E.PHYS., 1 M.E.
Fischer, H.G.	1 E.E.
Four Phase Systems	1 E.E.
Frasca Aviation	1 M.E.
Furnas Electric Co.	1 E.E.
GTE:	
Automatic Electric	1 I.E.
General Telephone Co.	1 C.E.
W.E. Gates Assoc.	1 C.E.
Gatx	1 E.E.
General Atomic	1 C.E.
General Dynamics	1 E.E.
General Electric	2 E.E., 1 CER.E., 1 MET.E.
General Foods	1 G.E., 1 E.E.
General Motors Corp.:	
Delco Products	1 G.E.
Electro-Motive Division	1 E.E., 1 I.E.
General Portland, Inc.	1 CER.E.
General Refractories Co.	1 CER.E.
Georgia Tech University	1 C.E.
Gits Brothers Manufacturing	1 M.E.
Globe Engineering Co.	1 M.E.
Goodyear Tire & Rubber Co.	1 M.E.
Governors State University	1 E.E.
Great Lakes In.	1 E.E.
Groen Div./Dover Corp.	1 G.E.
Grumman Corp.	1 A.A.E.
Gulf & Western	1 M.E.
R. Hahn Associates	1 M.E.
Hallmark Cards	1 M.E.
Hammond Organ	1 E.E.
Hansvedt Engineering Co.	1 M.E.
Harris Bank	1 E.E.
Harza Engineering Co.	1 M.E.
Hewlett Packard	2 M.E., 1 E.E., 1 E.PHYS.
Honeywell Inc.	2 E.E.
Hughes Aircraft	1 E.E.
I.B.M. Corporation	2 E.E., 1 AG.E.
Ice Miller DQN	1 A.A.E.
Illinois, State of:	
Capital Development Board	1 M.E.
Department of Transportation	1 C.E.
Environmental Protection Agency	1 A.A.E., 1 I.E.

THE 321 RESPONDENTS WHO ARE EMPLOYED ARE NOW EMPLOYED BY THE FOLLOWING COMPANIES (Continued)

Illinois Gear Division	1 M.E.
Illinois Power Company	1 M.E.
Ingersoll-Rand Company	2 M.E.
Inland Steel Company	1 E.E., 1 G.E.
Intel Corporation	1 C.E., 1 M.E.
Inter Signal	1 E.E.
International Harvester Company	1 AG.E., 1 M.E.
Intrec	1 E.E.
J.H.H.	1 C.E.
Jet Propulsion Labs	1 E.E.
Johnson Farms	1 AG.E.
Johnson & Johnson	1 E.E.
J. Merle Jones	1 M.E.
K & J Engineering	1 E.E.
Kaman Sciences	1 E.PHYS.
A.T. Kearney Company	1 G.E., 1 I.E.
R. Korte Construction	1 C.E.
Michael Langham Co.	1 E.E.
Law Firm	1 M.E.
Lawrence Livermore Laboratory	1 E.E., 1 MET.E.
Levin Enterprises	1 E.PHYS.
Eli Lilly & Company	1 G.E., 1 M.E.
Lockheed Aircraft Corporation	1 A.A.E., 1 E.E., 1 E.MECH.
Logicon Inc.	1 A.A.E., 1 E.E.
Long & Associates, Inc.	1 G.E.
Louis Allis Co.	1 E.E.
McDonnell-Douglas Corp.	2 E.PHYS., 1 A.A.E., 1 E.E.
McLennan Company	1 C.E.
McMaster University	1 E.E.
McMillan Blodel	1 C.E.
Mead Dijit Co.	1 E.E.
Mesa, City of	1 C.E.
Metco Inc.	1 E.E.
Micro Switch	1 M.E.
Mikron Data	1 C.E.
Mississippi State University	1 E.MECH.
Mitsubishi	1 E.E.
Mobil Corp., Chemical Division	1 G.E.
Molex Inc.	1 G.E.
Monroe Auto Equipment Co.	1 M.E.
Montgomery Ward & Co., Inc.	1 I.E.
Morse/Diesel	1 C.E.
Motorola, Inc.	7 E.E.
NCR Corporation	1 E.E.
Naperville, City of	1 E.E.
Nash Bros. Co.	1 M.E.
National Accelerator Laboratory	1 E.E.
Nicor Inc.	1 C.E.
Northeast Utilities	1 M.E.
Nuclear Data	1 E.PHYS.
Offshore Company	1 M.E.
Omron Corp.	1 E.E.
Optigon	1 M.E.
M.T. Paternoster	1 I.E.
Peat, Marwick, Mitchell & Co.	1 E.E.
Planmetrics	1 M.E.
Pratt & Whitney Aircraft Co.	1 A.A.E.
Presbyterian Church	1 M.E.
Procter & Gamble Co.	1 E.E.
Professional Management Systems	1 AG.E.
Peurto Rico Industrial Co.	1 C.E.
Purdue University	1 AG.E.
Quasar	1 I.E.

THE 321 RESPONDENTS WHO ARE EMPLOYED ARE NOW EMPLOYED BY THE FOLLOWING COMPANIES (Continued)

RCA Corporation	1 E.E.
Ralston Purina Co.	1 E.E.
Rand Corporation	1 C.E.
Reliable Electric	1 M.E.
Remtech, Inc.	1 A.A.E.
L. Roberts, P.E.	1 G.E.
Rockwell International	1 C.E.
Rustoleum Corp.	1 E.PHYS.
St. Martins College	1 E.PHYS.
San Diego Gas & Electric Co.	1 C.E., 1 G.E.
Sangamo Weston	1 E.E.
Sargent & Lundy	3 E.E., 1 M.E.
Science Applications	1 A.A.E.
Scott Aviation	1 I.E.
Sears, Roebuck & Co.	1 I.E., 1 C.E.
Shapland Construction Co.	1 C.E.
Shell Oil Company	1 C.E.
Sherwin-Williams	1 G.E., 1 I.E.
T. Skrzenta Assoc.	1 M.E.
Gordon A. Smith	1 MET.E.
Sparton Electric	1 M.E.
A.E. Staley Co.	1 C.E.
Standard Oil Company of California	1 M.E.
Standard Oil Company (Indiana)	1 C.E.
Stearns-Roger Inc.	1 C.E., 1 M.E.
Sullair	1 M.E.
Sundstrand Corporation	1 A.A.E., 1 MET.E.
Sverdrup & Parcel and Associates	1 C.E.
Symons Corp.	1 M.E.
T.E.I. Engineers	1 C.E.
Tektronix Inc.	1 E.E.
Tele Tenna	1 E.E.
Tennessee Valley Authority (TVA)	1 C.E.
Texaco Inc.	1 C.E.
Three (3) M	1 E.E.
Torrington Company	1 I.E.
Trane Company	1 AG.E.
Tymshare	1 A.A.E.
UOP	1 M.E.
Union Carbide Corp.	3 C.E., 1 E.PHYS.
Union Oil Company	2 E.E.
United Engineers, Inc.	1 M.E.
U.S. Steel Corporation	1 MET.E.
University of Illinois at Urbana-Champaign	1 A.A.E., 1 C.E., 1 E.E., 1 E.PHYS.
University of Missouri	1 AG.E.
University of Oregon	1 E.PHYS.
University of Portland	1 E.MECH.
U.S. Government:	
Air Force	1 M.E.
Army	1 E.E.
Army Corps of Engineers	1 C.E.
Department of Defense	1 A.A.E.
Environmental Protection Agency	1 C.E., 1 M.E.
Federal Aviation Administration	1 C.E.
General Services Administration	1 M.E.
National Bureau of Standards	1 E.E.
National Security Agency	1 E.E.
Naval Station, Seal Beach, CA	1 E.E.
Wescom, Inc.	1 M.E.
Westinghouse Electric Corp.	3 M.E., 1 MET.E.
Wickes Buildings	1 AG.E.
William J. Winkel	1 C.E.
Wisconsin Power & Light Co.	1 E.E.
Wyle Labs.	1 E.E.
Zenith Radio Corporation	1 E.E.

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